

While the BPL is desirable, and needed, and worthwhile, the current proposal is a disaster.

The disaster has though a single root cause, this root cause is the spectrum selected causes state department problems, horried self interference to other BPL systems, from not only near field, but from thousands of miles away, and from countries located on other continents at part 15 levels, this is due to the fact that the spectrum selected is the ONLY part of the spectrum where part 15 level signals are able to be bounced off the ionosphere for as much as 8000 mile paths.

This part of the spectrum also is presented varied and complex impedances by not only the power distribution conductors themselves, but also the power substation, and power user devices themselves.

If the spectrum is merely changed to the 474 to 512 Mhz band all these problems disappear.

I have no monetary interest in any side of this matter.

I'd be happy to help FCC promolgate a sensible, and successful BPL in any way I'm capable

Mike Baugh P.E., C.N.E., C.Q.E.

E-mail Mike@tciofca.com
daytime phone (805)498-4691